AM Green Kakinada Cluster: World's First Zero Emission Cluster Joins the World Economic Forum's Transitioning Industrial Clusters initiative

- The World Economic Forum (WEF) initiative, "Transitioning Industrial Clusters," in collaboration with Accenture and EPRI, aims to improve collaboration and develop a shared vision among co-located companies and public institutions with the goals of driving economic growth, employment and reducing CO2e emissions.
- AM Green Kakinada Cluster will start as a Zero Emission Cluster – the first such global cluster to start with 1 MTPA Green Ammonia production and continue its endeavour of including green molecules and green fuels production.
- The cluster with over $3Bn investment is expected to generate over 10,000 direct and indirect jobs.

Hyderabad, India / Geneva, November 18, 2024: AM Green Kakinada Cluster has joined the World Economic Forum's (WEF) "Transitioning Industrial Clusters Initiative" aimed improving collaboration and develop a shared vision among co-located companies and public institutions with the goals of driving economic growth, employment and reducing CO2e emissions.

By joining the WEF Transitioning Industrial Clusters initiative, AM Green Kakinada Cluster aims to send out a strong message on the importance of a collective approach towards global industrial decarbonisation and create an integrated green industrial ecosystem that will maximize economic, social and environment outcomes in India.

With over $3 billion initial investment, the cluster is expected to create over 10,000 direct and indirect jobs, boosting local and national economies, while supporting industries like construction, equipment manufacturing, and housing.

Making the announcement AM Green Chairman, Mr. Anil Chalamalasetty said "Global Decarbonisation Solutions at Scale and Speed are the need of the day to bring in the new vision of global energy transition to life. We believe that this is a wonderful opportunity and a challenge that we have been working tirelessly for over the past many years."

"We look forward to engaging with the WEF initiative and to fulfilling the Cluster Transition Goals. Additionally, as a member of the Transitioning Industrial Cluster Initiative, AM Green Kakinada Cluster will aim to support global work on decarbonisation clusters and look to share its knowledge and development work with the Forum and imbibe the best practices from other forum clusters" **Mr. Chalamalasetty** added.

"We are pleased to welcome the AM Green Kakinada Cluster to our global network of 25 industrial clusters, marking an important step for India's energy transition. With Andhra Pradesh's renewable resources, the Kakinada Cluster has the potential to advance green ammonia and hydrogen production regionally. As part of the Transitioning Industrial Clusters community, AM Green Kakinada will have the opportunity to share insights and contribute to the collective progress in industrial decarbonization," said **Mr Roberto Bocca**, Head of the Centre for Energy and Materials and Member of the Executive Committee at the World Economic Forum.

Overall ~$15 billion of upstream ecosystem investments are part of the functions of Kakinada cluster. Furthermore, the projected emissions at the commencement of cluster operations in 2026 are 0 Mt CO_2e.

Starting with a production capacity of 1 MTPA of Green ammonia, the Kakinada cluster will also include a 2 GW electrolyser manufacturing plant, other green molecule production facilities ensuring a robust supply chain for equipment.

The cluster will be powered by 24/7 Carbon-Free Energy enabled through pumped storage projects and offer integrated utilities like green steam, desalinated water, and effluent treatment facilities.

AM Green aims to provide global industrial decarbonisation solutions through this key Green Industrial Cluster in Kakinada, Andhra Pradesh, positioning India as a key player in global decarbonisation and energy transition efforts. The cluster will be a Zero Emission facility producing essential green molecules for energy transition, including green ammonia, green hydrogen, sustainable aviation fuel, green olefins, and more.

AM Green is developing one of the world's largest green ammonia platforms, achieving 5 million tons per year by 2030, supporting its efforts to achieve net zero targets both in India and OECD markets. This output will be equivalent to approximately 1 MTPA of green hydrogen, accounting for one-fifth of India's target for green hydrogen production under the National Green Hydrogen Mission and 10 percent of Europe's target for green hydrogen imports. AM Green is developing production capabilities for other green molecules like green caustic soda, e-methanol, olefins & biofuels for decarbonisation in hard-to-abate industries.

About AM Green Group

AM Green, incorporated by the founders of Hyderabad-based Greenko Group, Anil Chalamalasetty and Mahesh Kolli, is one of India's leading energy transition solutions providers. AM Green is leveraging a track record of entrepreneurship in pioneering new technologies and pathways to shape the future of energy. We aim to become one of the most cost-competitive producers of green hydrogen, green ammonia, and other green molecules in the world. In India, AM Green is developing production capabilities for green molecules (green hydrogen, green ammonia, biofuels, e-methanol, sustainable aviation fuels and various downstream high value chemicals) for decarbonization in hard-to-abate industries. The venture will also set up an international renewables and storage business and a JV for making electrolyzers with John Cockerill of Belgium.

www.amgreen.com

About the World Economic Forum's Transitioning Industrial Clusters initiative

The initiative aims to unlock the full economic, employment, and energy potential of industrial clusters. Using a structured approach to financing, policy, technology, and partnerships, and incorporating best practices from committed clusters, the initiative fosters collaboration and a shared vision among co-located companies and public institutions to drive economic growth, job creation, and CO2e reduction. Launched at COP26 in November 2021 with 4 industrial clusters, the initiative has since expanded to 25 clusters (21 port-anchored) across 12 countries on 4 continents, engaging over 60 public and private stakeholders.

https://initiatives.weforum.org/transitioning-industrial-clusters/clusters

Contact:

Suheil Imtiaz
Public Affairs & Strategic Communications
AM Green
+ 91 94401 59289
suheil.m@amgreen.com